

MINUTE ITEM  
This Calendar Item No. 24  
was approved as Minute Item  
No. 24 by the State Lands  
Commission by a vote of 2  
to 0 at its 12/12/1989  
meeting.

CALENDAR ITEM

A 61  
S 25

24

12/12/89  
W 40582 PRC 7367  
Pelka

APPROVAL OF A PROSPECTING PERMIT FOR MINERALS  
OTHER THAN OIL, GAS, GEOTHERMAL RESOURCES,  
SAND AND GRAVEL, SAN BERNARDINO COUNTY

APPLICANT: Bond Gold Colosseum, Inc.  
4600 South Ulster Street, Suite 300  
Denver, Colorado 80237

AGENT: Garry L. Miller, Manager  
Land Department  
4600 South Ulster Street, Suite 300  
Denver, Colorado 80237

AREA, TYPE LAND AND LOCATION:  
Vacant, State-owned, school land further  
described as follows: Section 16, T17N, R13E,  
SBM, San Bernardino Base and Meridian,  
northeastern San Bernardino County.

LAND USE: Approval of a prospecting permit for precious  
metals and other valuable minerals other than  
oil, gas, geothermal resources, sand and gravel  
on 640 acres of State property, more or less,  
located in San Bernardino County.

PROPOSED PROJECT:  
Bond Gold Colosseum, Inc. proposes to prospect by performing  
geologic mapping, rock chip and soil sampling. Based on  
information gained from the geologic mapping phase,  
approximately 50 rock chip and soil samples weighing up to four  
kilograms each will be collected from favorable areas. Rock  
chip samples will be collected with a geologist hand-held rock  
hammer. Soil samples will be collected with a hand-held garden  
shovel at a depth of less than one 1 foot. Each sample hole  
will be backfilled after sample collection. All samples will  
be removed for off-site assay.

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Any vehicle access will be restricted to existing roads and jeep trails. No surface disturbance such as road construction, trenching, blasting or clearing will be permitted.

TERMS OF PROPOSED PERMIT:

Primary Term:

The primary term of this Prospecting Permit is two years. The Commission may, in its discretion, extend the term for one additional year.

Royalty:

Royalty payable under the permit shall be 20 percent of the gross value of the minerals secured from the permit area and sold or otherwise disposed of or held for sale or other disposition.

Royalty payable under any preferential lease issued shall not be less than ten percent of the gross value of all mineral production from the leased lands, less any charges approved by the Commission made or incurred with respect to transporting or processing the State's royalty share of production. The determination of said royalty charges shall be at the discretion of the Commission and set forth in said lease.

PREREQUISITE CONDITIONS, FEES AND EXPENSES:

Filing fee of \$25, processing fee of \$250 and an acreage deposit of \$640.00 has been received.

Subject parcel is not known to contain a commercially valuable deposit of minerals.

CALENDAR ITEM NO. 24 (CONT'D)

STATUTORY REFERENCES

A. P.R.C.: Div. 6, Section 6891.

B. Cal. Code Regs.: Title 2, Section 2200.

AB 884:

01/24/90.

OTHER PERTINENT INFORMATION:

1. Pursuant to the Commission's delegation of authority and the State CEQA Guidelines (14 Cal. Code Regs. 15061), the staff has prepared and circulated for public review a proposed Negative Declaration identified as EIR ND 493, State Clearinghouse No. 89020007, pursuant to the provision of the CEQA. A copy of this environmental document is attached as Exhibit "C".

Based upon the initial study, the proposed Negative Declaration, and the comment received in response thereto, there is no substantial evidence that the project will have a significant effect on the environment (14 Cal. Code Regs. 15074[b]).

2. This activity involves lands identified as possessing significant environmental values pursuant to P.R.C. 6370 et. seq. Based upon the staff's consultation with the persons nominating such lands and through the CEQA review process, it is the staff's opinion that the project, as proposed, is consistent with its use classification.
3. Pursuant to P.R.C. Section 6895, upon establishing to the satisfaction of the Commission that commercially valuable deposits of minerals have been discovered within the limits of the permit, the Applicant would have a preferential right to a lease for a maximum of 640 acres embraced within the permit. Said right will be subject to all necessary environmental approvals. The issuance of the permit will not affect the discretion of the Commission in granting or denying such lease because of environmental considerations.

CALENDAR ITEM NO. 24 (CONT'D)

4. The issuance of this prospecting permit will provide for the mineral evaluation of the State School Section which, if successful, could result in a significant source of royalty revenue for the State Teachers Retirement System.
5. The permit lands are located within the Bureau of Land Management East Mojave National Scenic Area which Senator Alan Cranston, by his "California Desert Protection Act" (S11), seeks to make into a national park. The permit will provide that, if the permit lands are included within a national park or other protected area, the Commission may require the Permittee to quitclaim the permit or lease. Further, the permit will provide that the processing of any ore or mined material under the permit of preferential mineral extraction lease may not include use of open ponds containing cyanide leachate solutions used in the recovery of valuable products from mined material.

**APPROVALS OBTAINED:**

Pursuant to P.R.C. Section 6890, the subject permit application has been approved by the Office of the Attorney General as to compliance with the applicable provisions of the law.

**EXHIBITS:**

- A. Land Description.
- B. Site Map.
- C. Negative Declaration.

**IT IS RECOMMENDED THAT THE COMMISSION:**

1. CERTIFY THAT A NEGATIVE DECLARATION, EIR ND 493, STATE CLEARINGHOUSE NO. 89020007, WAS PREPARED FOR THIS PROJECT PURSUANT TO PROVISIONS OF THE CEQA AND THAT THE COMMISSION HAS REVIEWED AND CONSIDERED THE INFORMATION CONTAINED THEREIN.
2. DETERMINE THAT THE PROJECT, AS DESCRIBED IN THE PERMIT, WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.

CALENDAR ITEM NO. 2 A (CONT'D)

3. DETERMINE THAT THE LANDS DESCRIBED IN THE PERMIT ARE NOT PRESENTLY KNOWN TO CONTAIN COMMERCIALY VALUABLE DEPOSITS OF MINERALS.
4. AUTHORIZE THE ISSUANCE OF A MINERAL PROSPECTING PERMIT TO BOND GOLD COLOSSEUM, INC. FOR A TERM OF TWO YEARS, FOR ALL MINERALS OTHER THAN OIL, GAS, GEOTHERMAL RESOURCES, SAND AND GRAVEL ON SECTION 16, T17N, R13E, S3M, SAN BERNARDINO COUNTY, CONTAINING APPROXIMATELY 640 ACRES, MORE OR LESS; IN ACCORDANCE WITH THE STANDARD FORM OF PERMIT, SUBJECT TO THE UNDERSTANDING THAT IF A COMMERCIAL DISCOVERY IS MADE, THE LEASE MAY BE DENIED FOR ENVIRONMENTAL REASONS, INCLUDING THE INCLUSION OF SURROUNDING LANDS IN A NATIONAL PARK. ROYALTY PAYABLE UNDER THE PERMIT SHALL BE TWENTY PERCENT. ROYALTY PAYABLE UNDER ANY PREFERENTIAL LEASE ISSUED UPON THE DISCOVERY OF COMMERCIALY VALUABLE DEPOSITS OF MINERALS SHALL NOT BE LESS THAN TEN PERCENT OF THE GROSS VALUE OF ALL MINERAL PRODUCTION FROM THE LEASED LANDS, LESS ANY CHARGES APPROVED BY THE COMMISSION MADE OR INCURRED WITH RESPECT TO TRANSPORTING OR PROCESSING THE STATE'S ROYALTY SHARE OF PRODUCTION. THE DETERMINATION OF SAID ROYALTY AND CHARGES SHALL BE AT THE DISCRETION OF THE COMMISSION.

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**EXHIBIT "A"**  
**LAND DESCRIPTION**

W 40582

A parcel of California State school land in San Bernardino County, California, described as follows:

Section 16, T17N, R13E, SBM.

**END OF DESCRIPTION**

**PREPARED OCTOBER 16, 1989 BY BIU 1.**

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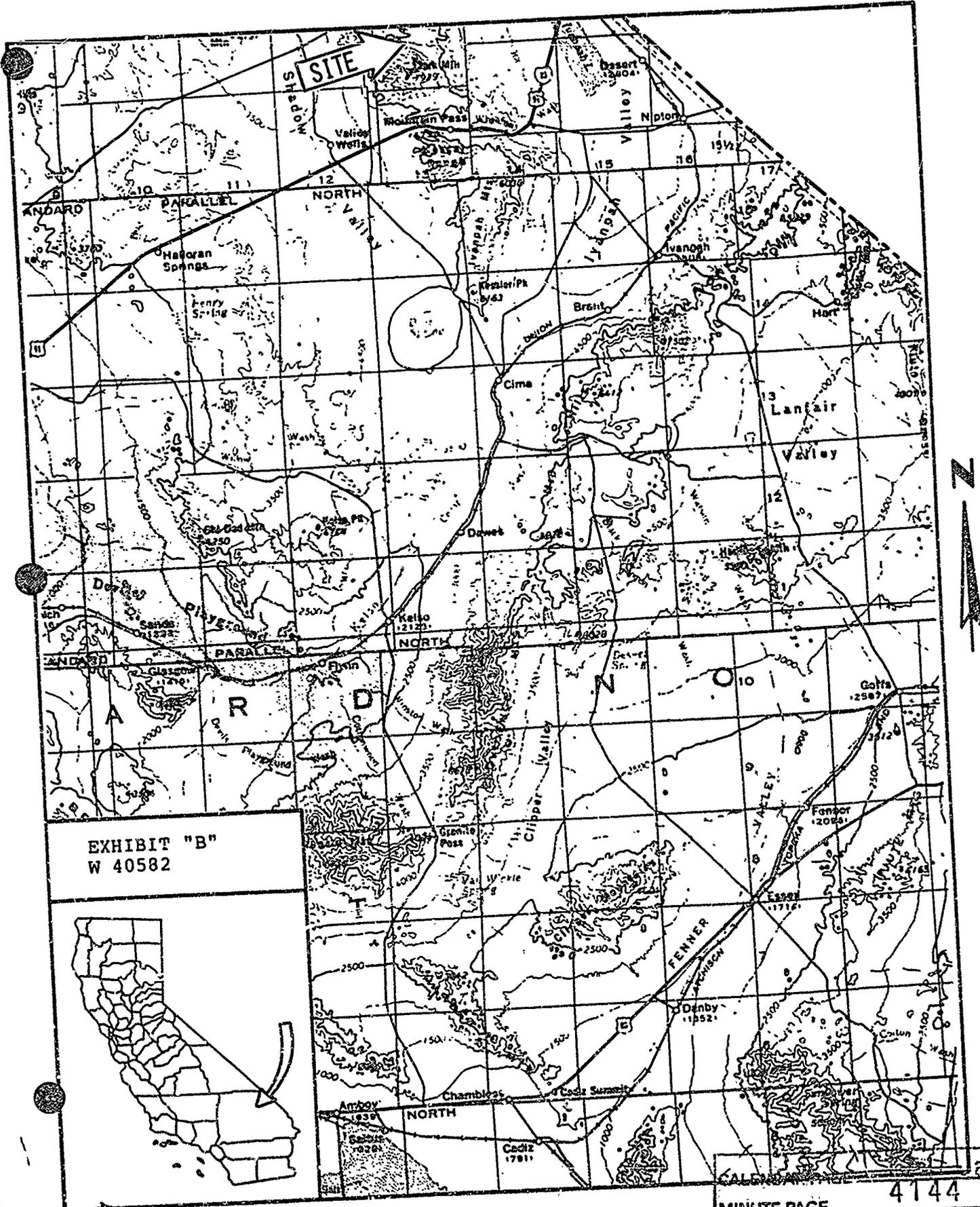


EXHIBIT "B"  
W 40582



## STATE LANDS COMMISSION

1807 13TH STREET  
SACRAMENTO, CALIFORNIA 95814

## EXHIBIT "C"

PROPOSED NEGATIVE DECLARATION

EIR ND 493

File Ref.: W 40582

SCH#: 8902 0007

Project Title: Mineral Prospecting Permit - Clark Mountains

Project Proponent: Bond Gold Colosseum Inc.

Project Location: Section 16, T.17 N., R.13 E., S.B.M., approximately 7 miles north of Mountain Pass, San Bernardino County.

## Project Description:

Bond Gold Colosseum Inc. proposes to prospect for precious metals and other valuable minerals by performing geologic mapping, rock chip sampling, and soil sampling. Approximately 50 rock and soil samples ranging up to 4 kilograms each will be collected utilizing a hand held rock hammer and a hand shovel. All vehicle access will be confined to existing roads and jeep trails. Samples will be removed for offsite assay.

Contact Person: TED T. FUKUSHIMA Telephone: (916)322-7813

This document is prepared pursuant to the requirements of the California Environmental Quality Act (Section 21000 et seq., Public Resources Code), the State CEQA Guidelines (Section 15000 et seq., Title 14, California Code Regulations), and the State Lands Commission regulations (Section 2901 et seq., Title 2, California Code Regulations).

Based upon the attached Initial Study, it has been found that:

 the project will not have a significant effect on the environment. mitigation measures included in the project will avoid potentially significant effects.-

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File Ref.: W 40582

SCH No.: 89020007

### INITIAL STUDY INTRODUCTION

Bond Gold Colosseum Inc. has applied to the State Lands Commission for a mineral prospecting permit on 640 acres of State fee owned school land described as Section 16, T17N, R13E, SBM, San Bernardino County, located in the Clark Mountains. The proposed project entails geologic mapping, rock chip and soil sampling. Approximately 50 rock and soil samples ranging up to 4 kilograms each will be collected utilizing a hand held geologists rock hammer and a hand shovel. All vehicle access shall be confined to existing roads and jeep trails. Samples will be removed for off-site assaying. No other mechanical equipment will be used.

This Initial Study consists of an environmental impact assessment form - part I, location maps, detailed project description, environmental setting, applicant's assessment of environmental impacts and certification, staff environmental impact assessment checklist - part II and mailing list.

The proposed project is for the specific prospecting only. Any change in activity will require the preparation and circulation for review of appropriate CEQA documents.

STATE LANDS COMMISSION

October 1989

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**ENVIRONMENTAL IMPACT ASSESSMENT FORM -- Part I**  
(To be completed by applicant)  
FORM 69.3(11/82)

**A. GENERAL INFORMATION**

1. Name, address, and telephone number:

a. Applicant

Bond Gold Colosseum Inc.  
4600 S. Ulster St., Suite 300  
Denver, Colorado 80237  
(303) 220-9729

b. Contact person if other than applicant:

Garry L. Miller  
Manager, Land Department  
(303) 220-9729

2. a. Project location: (Please reference to nearest town or community and include county)

Section 16, T17N, R13E, S8M, San Bernardino County (640 acres)  
approximately 7 miles north of Mountain Pass

b. Assessor's parcel number: 0572-141-13

3. Existing zoning of project site: DL 40 (Desert Living, 40 Acre Minimum)  
General Plan Designation: RCN (Rural Conservation)

4. Existing land use of project site: Livestock Grazing, Recreation

5. Proposed use of site: Prospecting for precious metals and other valuable minerals by  
performing geologic mapping, rock chip and soil sampling. Samples will be  
removed for off-site assay.

6. Other permits required: None

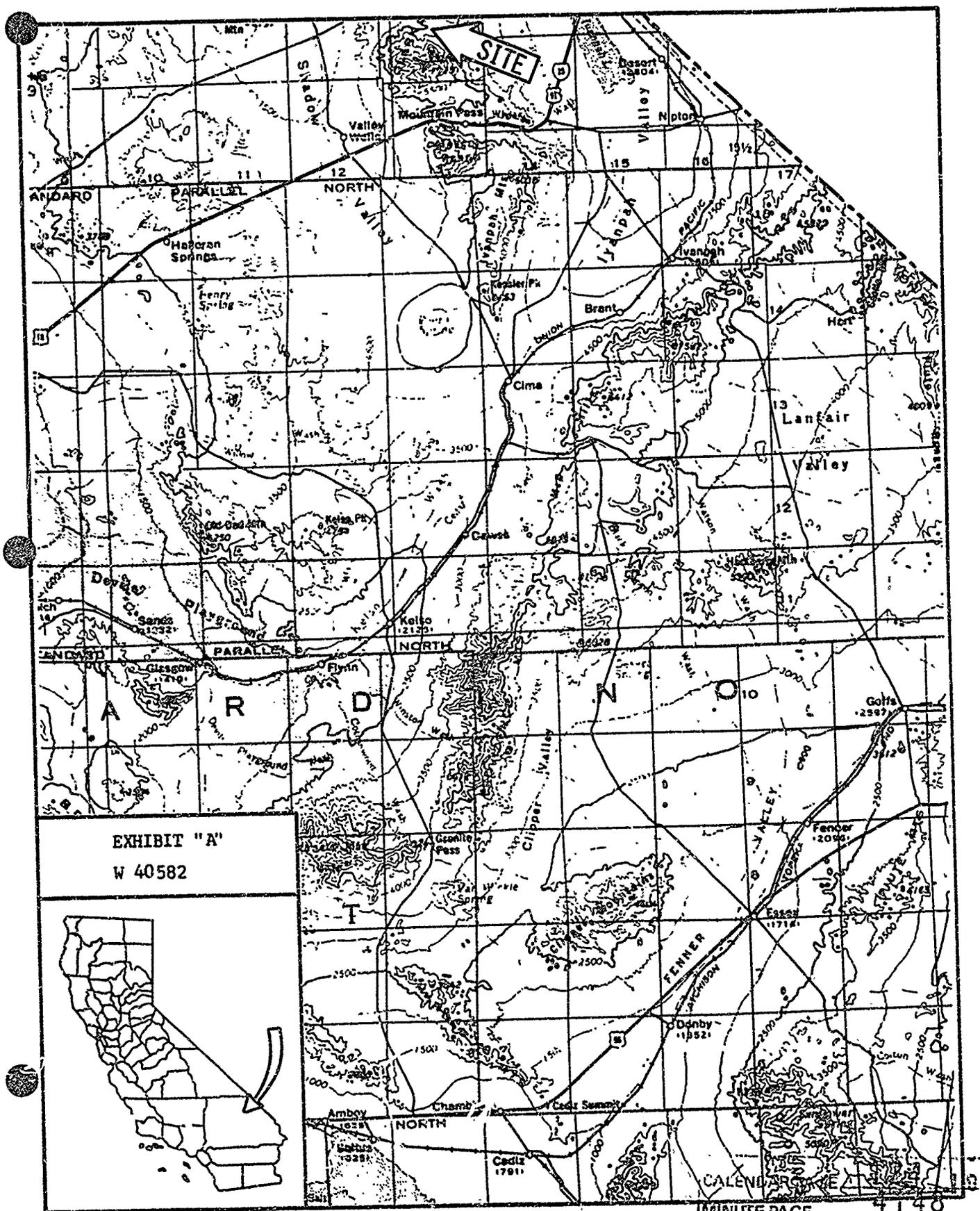
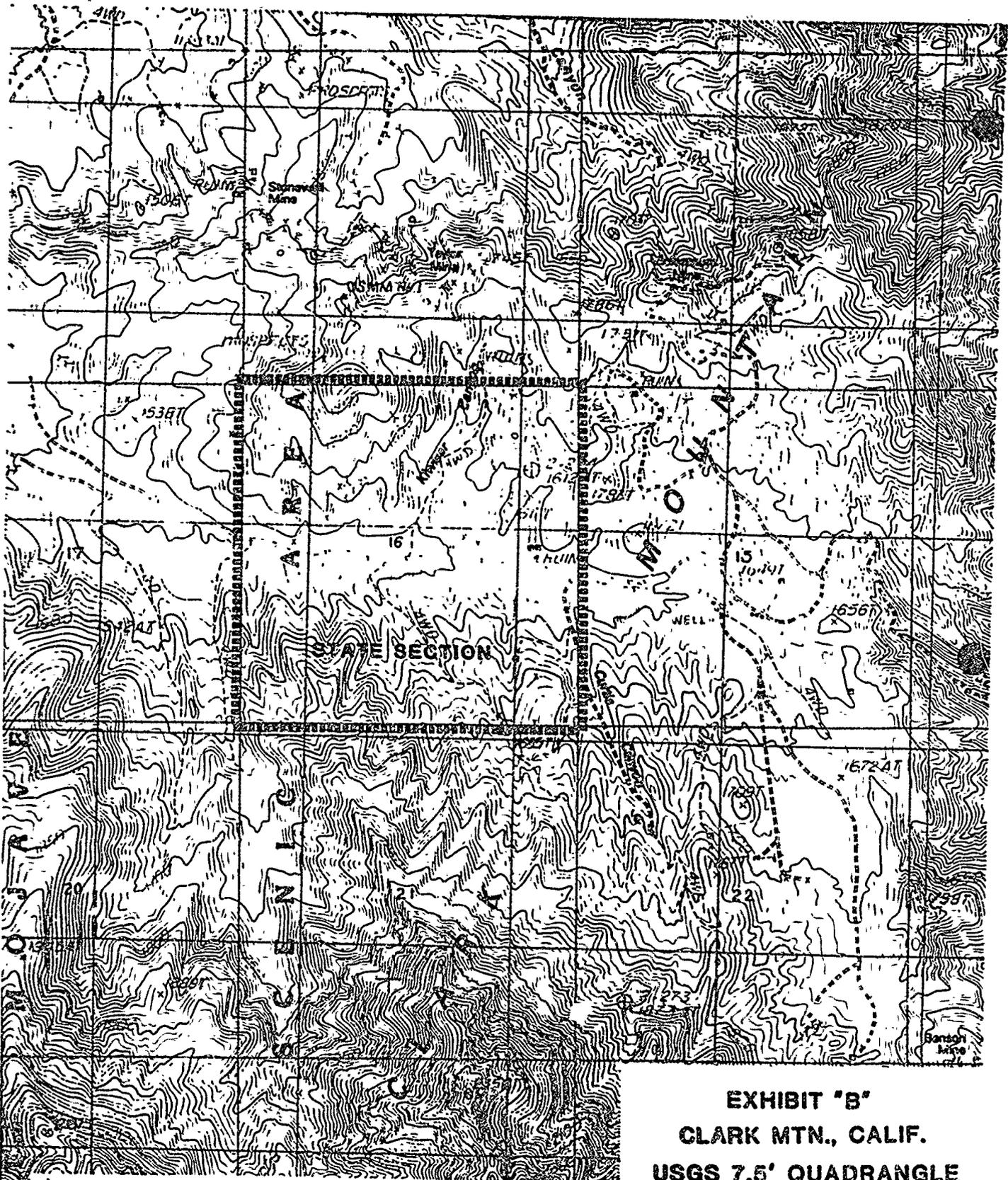


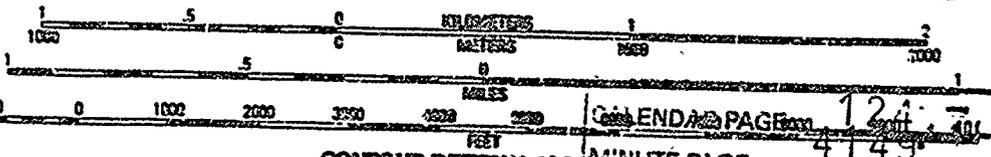
EXHIBIT "A"  
W 40582





**EXHIBIT "B"**  
**CLARK MTN., CALIF.**  
**USGS 7.5' QUADRANGLE**

SCALE 1:24 000



CONTOUR INTERVAL 20 FEET  
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## ENVIRONMENTAL SETTING

The project site is located on the north flank of Clark Mountain in the eastern Mojave Desert. This area is transitional between the colder Great Basin Desert to the north and the warmer Sonoran Desert to the south. The parcel is within the Bureau of Land Management (BLM) East Mojave National Scenic Area (EMNSA) which Senator Alan Cranston, by his "California Desert Protection Act" (S11), seeks to make into a National Park. In addition, the site lies within the BLM 14,440 acre Clark Mountain Wilderness Study Area CDCA 227 which is recommended nonsuitable and the Clark Mountain Area of Critical Environmental Concern. Surrounding BLM land is designated multiple use class "L" Limited Use. Bond Gold Colosseum Inc. owns and operates the Colosseum Gold Mine on federal and private lands adjacent to the State parcel on Sections 10 and 15. The Colosseum Gold Mine, which has been in production two years, currently produces 60,000 ounces of gold per year and employs a cyanide vat leach extraction system. The Colosseum Gold Mine, State section and surrounding area is located within the Clark Mountain mining district organized in the 1860's. Since that time, significant quantities of gold and silver with lesser amounts of copper, lead, tungsten and fluorite have been produced from several mines in the district.

The project site is located on the north flank of Clark Mountain. Topography is typical East Mojave high desert, more specifically a canyon with rising slopes to the north and south. Elevations within the site range from 4,900 feet to 5,900 feet above sea level. The climate of this area of the East Mojave is arid with large diurnal temperature ranges. Precipitation is sparse averaging 5-8 inches per annum falling predominantly during the winter months as a result of storms moving eastward from the Pacific Ocean. Intense summer thunderstorms produce heavy rainfall of short duration. Surface water drainage is ephemeral.

Two plant communities are found within the project site. Vegetation along the canyon which the major east-west access road traverses consists of a desert wash scrub community, characterized by desert willow, Apache plume, desert almond, Cat's claw, various Opuntia species and Juniper and Pinyon Pine. The surrounding slopes contain blackbush scrub community dominated by creosote bush, Mojave yucca, Ephedra, blackbush, barrel cactus, various Opuntia species and Mojave mound cactus.

Fauna believed to inhabit the project site include bighorn sheep, mule deer, numerous small rodents, seed-gathering birds, rabbits, lizards and snakes. Due to the high elevation of the project area, desert tortoise should not be present, and the project site is not within BLM crucial desert tortoise habitat.

A large population of desert bighorn sheep occurs in the Clark Mountain Range. An aerial census conducted in 1984, revealed the presence of at least 114 animals. According to the BLM, the desert bighorn is thriving in the East Mojave with 550 to 600 animals. Future bighorn "transplants" are being considered from the Clark Mountain Range herd.

Geologically the Clark Mountains comprise a structurally complex region of faulted Precambrian and Paleozoic formations. Project site lithologies include Cambrian-Devonian Goodsprings Dolomite with lesser lower to mid Cambrian Bright Angel Shale present. Quaternary older alluvium is found in the southeast quarter of the section. The bottom of the canyon along which Greens Well road traverses contains Quaternary Alluvium.

Currently, the State Lands Commission has the parcel leased for livestock grazing. The proposed prospecting activities should not conflict with that continued use. Since the parcel is contained in the EMNSA, a small amount of recreational use is expected.

Previous usage of the parcel has been for mining and mineral prospecting as evidenced by numerous shafts, adits and prospect pits. The old tiered concrete foundation of the Pacific Fluorite Mill remains as well as three concrete evaporation ponds utilized in fluorite processing. A large tin building situated at the west edge of the parcel and north of the road is believed to be the bunkhouse for the Pacific Fluorite Mine which was abandoned in the 1950's.

The Bureau of Land Management mineral management policy for the East Mojave National Scenic Area is: "BLM will allow development consistent with national policy, and in a manner which prevents unnecessary or undue degradation of public lands. Mineral development in the East Mojave is a long-standing activity that has helped to define the region's character. Modern technology and reclamation requirements can help maintain the balance between this use and other activities or resources in the Scenic Area".

It is therefore believed that the proposed project and mitigation measures are consistent with the BLM management policy of the East Mojave National Scenic Area.

Proposed Mitigation Measures:

1. All vehicle access is restricted to existing roads. No new road construction is permitted.
2. All vehicle speed shall not exceed 15 miles per hour.
3. All soil sample holes shall be immediately backfilled upon sample removal.

GJP:lp

LP1D49

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File Ref.: W 40582

SCH No.: 89020007

### DETAILED PROJECT DESCRIPTION

Bond Gold Colosseum Inc. proposes to prospect by performing geologic mapping, rock chip and soil sampling. A geologist traversing the site on foot will prepare a geologic map identifying lithologic units, faults, alteration zones and any quartz veins or unusual geologic phenomena. Based on these findings, approximately 50 rock chip and soil samples weighing up to 4 kilograms each will be collected from favorable areas. Rock chip samples will be collected with a geologist's hand held rock hammer. Soil samples will be collected with a hand held garden shovel at a depth of less than 1 foot. Each small hole will be back-filled after sample collection. Vehicular access will be confined to existing roads and jeep trails. No new road construction or improvement is required. Samples will be removed for off-site assay.

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## APPLICANTS SECTION C: ASSESSMENT OF ENVIRONMENTAL IMPACTS

All phases of a project, such as planning, acquisition, development and operation, shall be considered when evaluating its impact on the environment. Please answer the following questions by placing a check in the appropriate box. Discuss all items checked "yes" or "maybe" on additional sheet(s).

Will the project involve:	YES	MAYBE	NO
1. A change in existing features of any bays, tidelands, beaches, lakes or hills, or substantial alteration of ground contours? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. A change in scenic views from existing residential areas or public lands or roads? ...	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. A change in pattern, scale or character of the general area of the project? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Significant effect on plant or animal life? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Significant amounts of solid waste or litter? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. A change in dust, ash, smoke, fumes or odors in the vicinity? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. A change in ocean, bay, lake, stream or ground water quality or quantity, or an altering of existing drainage patterns? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. A change in existing noise or vibration levels in the vicinity? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9. Construction on filled land or on a slope of 10 percent or more? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10. Use or disposal of potentially hazardous materials such as toxic or radioactive substances, flammables or explosives? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11. A change in demand for municipal services (e.g., police, fire, water, sewage)? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12. Increase in fossil fuel consumption (e.g., electricity, oil, natural gas)? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13. A larger project or a series of projects? .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

13. If initial non-impacting exploration of the Site should prove to establish the possible occurrence of mineral in economic quantities, then further exploration involving operations which may cause surface disturbance would result.

### PART V CERTIFICATION

*I certify that all information and materials furnished in this application are true and complete to the best of my knowledge and belief. I recognize that this application and the project it addresses are subject to all laws of the State of California, and the regulations and discretionary policies of the State Lands Commission.*

Applicant: 

Date: April 20, 1989

Title: Douglas D. Foote, Vice President of Bond Gold Colosseum Inc.

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STATE LANDS COMMISSION

ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST - PART II

Form 13.20 (7/82)

File Ref.: W 40582  
SCH# 89020007

I. BACKGROUND INFORMATION

- A. Applicant: Bond Gold Colosseum Inc.  
4600 South Ulster Street, Suite 300  
Denver, CO 80237  
Attention: Garry L. Miller
- B. Checklist Date: 10 / 17 / 89
- C. Contact Person: Greg Pelka  
Telephone: ( 213 ) 590-5201
- D. Purpose: Prospecting for precious metals and other valuable minerals.
- E. Location: Section 16, T17N, R13E, SBM, San Bernardino County, approximately  
7 miles north of Mountain Pass
- F. Description: Prospecting for precious metals and other valuable minerals by performing  
geologic mapping, rock chip sampling and soil sampling. Samples will be  
removed for off-site assay.
- G. Persons Contacted: \_\_\_\_\_  
Joe Bellandi - San Bernardino County Planning Department  
385 N. Arrowhead, 1st Floor, San Bernardino, CA 92415-0181  
John Bailey - Bureau of Land Management, Needles Resource Area  
101 West Spikes Road, Needles, CA 92363  
Jack Spruill - California Department of Fish and Game  
330 Golden Shore, Suite 50, Long Beach, CA 90802

II. ENVIRONMENTAL IMPACTS. (Explain all "yes" and "maybe" answers)

A. Earth. Will the proposal result in:

- |   | Yes                                 | Maybe                    |  |
|---|-------------------------------------|--------------------------|--|
| 1. Unstable earth conditions or changes in geologic substructures? . . . . .  | <input type="checkbox"/>            | <input type="checkbox"/> |  |
| 2. Disruptions, displacements, compaction, or overcovering of the soil? . . . . .   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| 3. Change in topography or ground surface relief features? . . . . .  | <input type="checkbox"/>            | <input type="checkbox"/> |  |
| 4. The destruction, covering, or modification of any unique geologic or physical features? . . . . .  | <input type="checkbox"/>            | <input type="checkbox"/> |  |
| 5. Any increase in wind or water erosion of soils, either on or off the site? . . . . .   | <input type="checkbox"/>            | <input type="checkbox"/> |  |
| 6. Changes in deposition or erosion of beach sands, or changes in siltation, deposition or erosion which may modify the channel of a river or stream or the bed of the ocean or any bay, inlet, or estuary? . . . . . | <input type="checkbox"/>            | <input type="checkbox"/> |  |
| 7. Exposure of all people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards? . . . . .   | <input type="checkbox"/>            | <input type="checkbox"/> |  |

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Yes Maybe No

- B. *Air*. Will the proposal result in:
1. Substantial air emissions or deterioration of ambient air quality?  Yes  Maybe  No
  2. The creation of objectionable odors?  Yes  Maybe  No
  3. Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally?  Yes  Maybe  No
- C. *Water*. Will the proposal result in:
1. Changes in the currents, or the course or direction of water movements, in either marine or fresh waters?  Yes  Maybe  No
  2. Changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff?  Yes  Maybe  No
  3. Alterations to the course or flow of flood waters?  Yes  Maybe  No
  4. Change in the amount of surface water in any water body?  Yes  Maybe  No
  5. Discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen or turbidity?  Yes  Maybe  No
  6. Alteration of the direction or rate of flow of ground waters?  Yes  Maybe  No
  7. Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?  Yes  Maybe  No
  8. Substantial reduction in the amount of water otherwise available for public water supplies?  Yes  Maybe  No
  9. Exposure of people or property to water-related hazards such as flooding or tidal waves?  Yes  Maybe  No
  10. Significant changes in the temperature, flow or chemical content of surface thermal springs?  Yes  Maybe  No
- D. *Plant Life*. Will the proposal result in:
1. Change in the diversity of species, or number of any species of plants (including trees, shrubs, grass, crops, and aquatic plants)?  Yes  Maybe  No
  2. Reduction of the numbers of any unique, rare or endangered species of plants?  Yes  Maybe  No
  3. Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species?  Yes  Maybe  No
  4. Reduction in acreage of any agricultural crop?  Yes  Maybe  No
- E. *Animal Life*. Will the proposal result in:
1. Change in the diversity of species, or numbers of any species of animals (birds, land animals including reptiles, fish and shellfish, benthic organisms, or insects)?  Yes  Maybe  No
  2. Reduction of the numbers of any unique, rare or endangered species of animals?  Yes  Maybe  No
  3. Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals?  Yes  Maybe  No
  4. Deterioration to existing fish or wildlife habitat?  Yes  Maybe  No
- F. *Noise*. Will the proposal result in:
1. Increase in existing noise levels?  Yes  Maybe  No
  2. Exposure of people to severe noise levels?  Yes  Maybe  No
- G. *Light and Glare*. Will the proposal result in:
1. The production of new light or glare?  Yes  Maybe  No
- H. *Land Use*. Will the proposal result in:
1. A substantial alteration of the present or planned land use of an area?  Yes  Maybe  No
- I. *Natural Resources*. Will the proposal result in:
1. Increase in the rate of use of any natural resources?  Yes  Maybe  No
  2. Substantial depletion of any nonrenewable resources?  Yes  Maybe  No

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**J. Risk of Upset.** Does the proposal result in:

Yes Maybe No

- 1. A risk of an explosion or the release of hazardous substances (including, but not limited to, oil, pesticides, chemicals, or radiation) in the event of an accident or upset conditions?
- 2. Possible interference with emergency response plan or an emergency evacuation plan?

**K. Population.** Will the proposal result in:

- 1. The alteration, distribution, density, or growth rate of the human population of the area?

**L. Housing.** Will the proposal result in:

- 1. Affecting existing housing, or create a demand for additional housing?

**M. Transportation/Circulation.** Will the proposal result in:

- i. Generation of substantial additional vehicular movement?
- 2. Affecting existing parking facilities, or create a demand for new parking?
- 3. Substantial impact upon existing transportation systems?
- 4. Alterations to present patterns of circulation or movement of people and/or goods?
- 5. Alterations to waterborne, rail, or air traffic?
- 6. Increase in traffic hazards to motor vehicles, bicyclists, or pedestrians?

**N. Public Services.** Will the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following areas:

- 1. Fire protection?
- 2. Police protection?
- 3. Schools?
- 4. Parks and other recreational facilities?
- 5. Maintenance of public facilities, including roads?
- 6. Other governmental services?

**O. Energy.** Will the proposal result in:

- 1. Use of substantial amounts of fuel or energy?
- 2. Substantial increase in demand upon existing sources of energy, or require the development of new sources?

**P. Utilities.** Will the proposal result in a need for new systems, or substantial alterations to the following utilities:

- 1. Power or natural gas?
- 2. Communication systems?
- 3. Water?
- 4. Sewer or septic tanks?
- 5. Storm water drainage?
- 6. Solid waste and disposal?

**Q. Human Health.** Will the proposal result in:

- 1. Creation of any health hazard or potential health hazard (excluding mental health)?
- 2. Exposure of people to potential health hazards?

**R. Aesthetics.** Will the proposal result in:

- 1. The obstruction of any scenic vista or view open to the public, or will the proposal result in the creation of an aesthetically offensive site open to public view?

**S. Recreation.** Will the proposal result in:

- 1. An impact upon the quality or quantity of existing recreational opportunities?

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**T. Cultural Resources.**

Yes Maybe No

- 1. Will the proposal result in the alteration of or the destruction of a prehistoric or historic archaeological site?
- 2. Will the proposal result in adverse physical or aesthetic effects to a prehistoric or historic building, structure, or object?
- 3. Does the proposal have the potential to cause a physical change which would affect unique ethnic cultural values?
- 4. Will the proposal restrict existing religious or sacred uses within the potential impact area?

**U. Mandatory Findings of Significance:**

- 1. Does the project have the potential to degrade the quality of the environment, reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?
- 2. Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals?
- 3. Does the project have impacts which are individually limited, but cumulatively considerable?
- 4. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

**III. DISCUSSION OF ENVIRONMENTAL EVALUATION (See Comments Attached)**

A.2. Soil sampling will cause minor disruption of the soil. All sample holes will be immediately backfilled upon sample removal.

The proposed prospecting project is consistent with existing zoning, plans and land use controls.

**IV. PRELIMINARY DETERMINATION**

On the basis of this initial evaluation:

- I find the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described on an attached sheet have been added to the project. A NEGATIVE DECLARATION will be prepared.
- I find the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

Date: 10.17.89.

*Mary Palko*  
 For the State Lands Commission  
 MINUTE PAGE 4157  
 124.19  
 FORM 25-20 (7/82)